

GLUSHAKOVA, N.Ye.; LAGUTO, P.M.; LUCHENOK, O.S.

Vitamin C in the liver and the wall of the small intestine in radiation sickness in animals synthesizing ascorbic acid. Med. rad. 5 no.4: 86-87 Ap '60. (MIRA 13:12)

(ASCORBIC ACID)
(INTESTINES)

(LIVER)
(RADIATION SICKNESS)

GLUSHAKOVA, N.Ye. [Glushakova, N.E.]; LAGUTO, F.M. [Laluta, F.M.];
IVANOVA, V.S.; MEREZHINSKIY, M.F. [Merazhynski, M.F.]; TARANOVICH,
G.L. [Taranovich, H.L.]; SHIFMAN, A.S. [Shyfman, A.S.]

Biosynthesis and metabolism of ascorbic acid in white rats during
fractional ionizing irradiation in small doses. Vestsi AN BSSR.
Ser.bial.nav. no.2:96-101 '62. (MIRA 15:8)
(RADIATION—PHYSIOLOGICAL EFFECT) (ASCORBIC ACID)

GLUSHAKOVA, N.Ye.; TARANOVICH, G.L.; LAGUTO, F.M.

Some indices of tissue metabolism in reduced function of the thyroid gland. Probl. endok. i gorm. 10 no.6:24-27 N-D '64. (MIRA 18:7)

1. Kafedra biokhimii Minskogo meditsinskogo instituta; rukovoditel' - prof. M.F.Merezhinskiy.

GIUCHAROVA, I. I.

Voprosy ekonomicheskoy i politicheskoy geografii
"Problems of Economic and Political Geography". Moskva, izd-vo
IMS, 1968.

174 r. maps, tables.

At head of title: Moscow, Institut Vneshnerodnykh Svyazey.

Bibliographical footnotes.

FILOSOFOVA, T.G.; SHEKHTER, A.B.; GLUSHAN, Ye.F.

Effectiveness of intracutaneous vaccination against scarlet fever
with purified concentrated toxin; author's abstract. Zhur.mikrobiol.
epid.i immu. no.3:36 Mr '54. (MIRA 7:4)

1. Iz Ukrainskogo instituta epidemiologii, mikrobiologii i gigiyeny
v Kiyeye (direktor -- kandidat meditsinskikh nauk S.N.Terekhov).
(Scarlet fever) (Vaccination)

000/22-59-5-25/25

AUTHORS: Yemchuk, Ye.M. and Glushan, Ye.F.

TITLE: Dermacentor pictus Herm. Ticks, Carriers of Brucellosis Agents

PERIODICAL: Dopovidi Akademii nauk Ukraini's'koi RSR, 1959, Nr 5, pp 557-559 (USSR)

ABSTRACT: About 7,000 ticks were collected by the authors from cattle showing positive brucellosis reactions in serological tests in the Novograd-Volynsky district, Zhitomir oblast', in May 1958. They included such species as Ixodes ricinus, Dermacentor marginatus and Dermacentor pictus. The authors made it their aim to determine the role of these ticks in spreading the Brucellosis infection. A suspension was made of 20-40 female ticks, not less than 800 larvae and 1 g of eggs. The suspension was fixed onto liquid and solid nutrition media and also tested biologically on white mice. Processing the suspension's products, the authors managed (for the first time in the

Card 1/5

017/21-59-5-25/25

Dermacentor Pictus Herm Ticks, Carriers of Brucellosis Agents

Ukraine) to separate out six strains of Brucella abortus bovis, three from half-nourished tick females, two from larvae and one from eggs. The larvae and eggs were obtained from females who fed on diseased animals. Brucella from the infected females passed into the eggs and larvae during the development process. No Brucella abortus bovis was separated out from the secretions taken from infected mice. Thus, the authors have established that the above-named ticks were carriers and transovarial transmitters of brucellosis agents. In the text, the authors have made numerous references to works listed in the reference block, and apart from that have mentioned the names of I.M. Khatenev, Brufest, Francis and Kozlovskiy. The typization of the separations of the authors' culture of Brucella abortus bovis was done by the chief of the zoo section of the Institut epidemiologii i mikrobiologii Ministerstva zdoroookhraneniya UkrSSR (Institute of Epidemiology and Microbiology of the Ministry of Health

Card 2/3

007/21-59-5-25/23

Dermacentor Pictus Herm. Ticks, Carriers of Brucellosis Agents

of the UkrSSR) O.S. Korotich, to whom the authors express their sincere appreciation. There are 14 Soviet references.

ASSOCIATION Institut zoologii AN UkrSSR (Institute of Zoology of the AS UkrSSR)

PRESENTED By A. P. Markevich, Member of the AS UkrSSR

SUBMITTED: January 31, 1959

Card 3/3

Glushanin K.
GLUSHANIN, K.

Always in advance of all. Rab. i sial. 33 no.11:13 N '57.

(MIRA 10:11)

1. Kalgas "Mayak kommunizma," Barysauksi rayen.
(Collective farms)

GLUSHANKOV, I.

The outstanding Russian hydrographer L.V.Spafar'ev. Mor.flot.
15 no.11:28-30 N '55. (MLRA 9:2)
(Spafar'ev, Leontii Vasil'evich, 1766-1847)

GLUSHANKOV, I.

Collective farms buy new fire equipment. Pozh. delo 9 no.9:26
S '63. (MIRA 16:10)

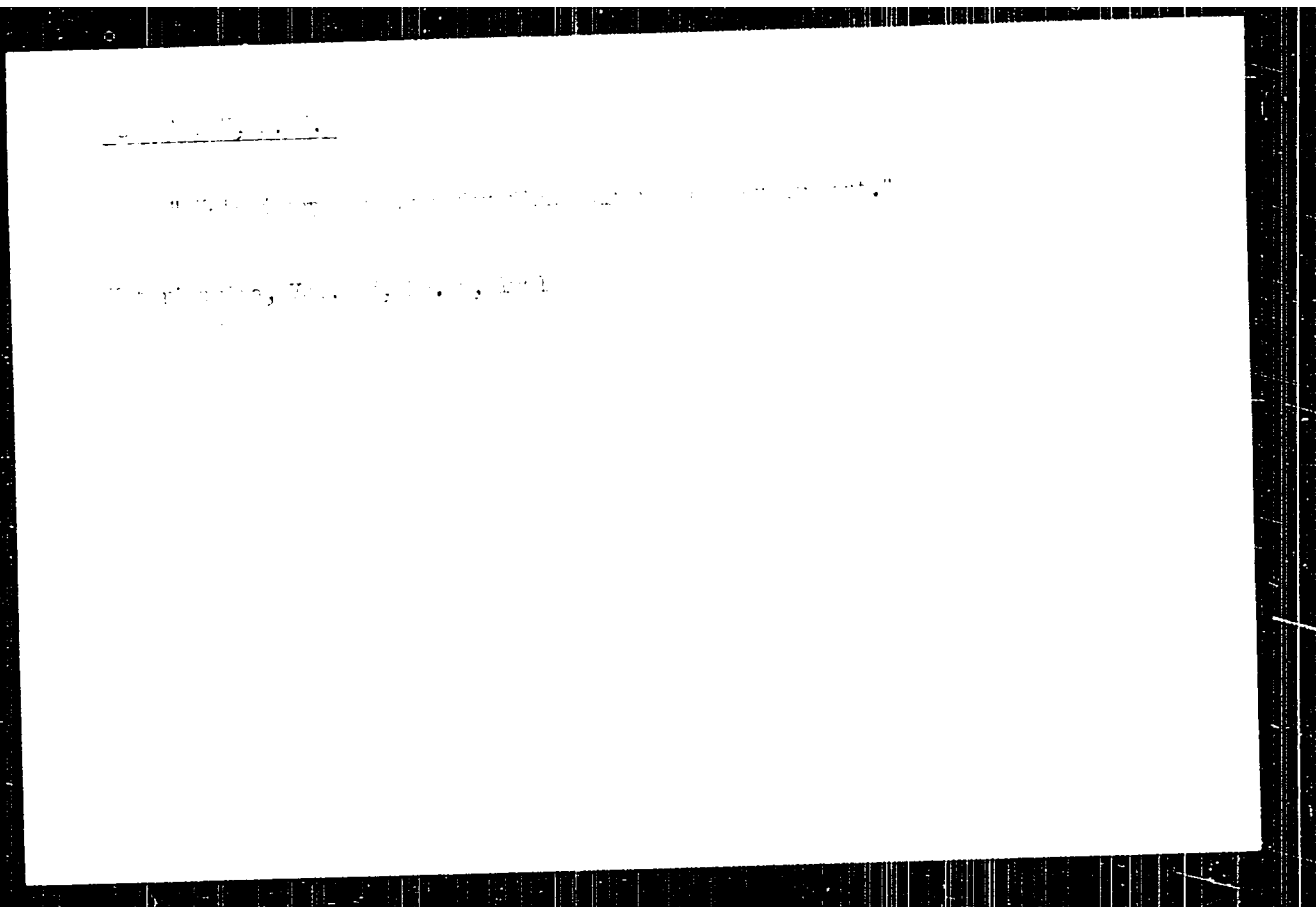
1. Predsedatel' Bobrovel'nogo pozhnarogo obshchestva Goretskogo
rayona, Mogilevskaya obl.
(Farm buildings--Fires and fire prevention)

GLUSHANKOV, K.V.

K.V. Glushankov and S.M. Solov'yev, Osnovnyye svedeniya po rybovodstvu [Basic Information on Pisciculture], Sel'khozgiz, 7 sheets, 1954

Contains brief data on pisciculture. Main attention is given to a description of the biological peculiarities of fishes. It describes the transportation of fishes and roe for propagation and the use of ponds for raising aquatic birds. Intended for workers concerned with pisciculture.

SO: U-6472, 15 Nov 1954



VOLOKHNEVA, T.P.; GLUSHANOV, S.I.; KOTOV, A.N.; LICHITSKIY, V.I.;
PHEMENIA, Z.A.

Thermogravimetric analysis in the production technology of
active coals. Zhur. prikl. khim. 38 no.10:2359-2362
1965. CHINA 1965.1

1. Submitted May 23, 1963.

GLUSHANKOV, Ye.P.

Column microanalysis of some phosphorylated hexoses. Vest.
IGU 18 no.15:112-118'63. (MIRA 16:9)
(HEXOSE PHOSPHATES) (CHROMATOGRAPHIC ANALYSIS)

USHAKOV, S.F.; GLEBOVSKOVA, N.A.

Lack of definite correlation between the iodine number of phospholipids and the heat resistance of cells. *Tsitologiya* 3 no.6:707-710 1961 (MIRA 14:12)

1. Laboratoriya sravnitel'noy tsitologii Institut tsitologii AN S.S.S.R., Leningrad.
(LIPIDS) (HEAT-RESISTIBILITY EFFECT)

USHAKOV, B.P.; GLUSHANKOVA, M.A.,

Iodine number of lipids and heat resistance of the muscle
tissue of lake frogs (*Rana ridibunda* Pall.) inhabiting cold
and warm springs. Dokl. AN SSSR 143 no.2:437-440 Mr '62.
(MIRA 15:3)

1. Institut tsitologii AN SSSR. Predstavleno akademikom
Ye.N.Pavlovskim.

(TEMPERATURE—PHYSIOLOGICAL EFFECT)
(FROGS LIPIDS)

GLUSHANKOVA, M.A.

Effect of a fat diet on the iodine number and heat resistance
of muscular tissue. Sbor. rab. Inst. tsit. no. 6:208-212 '63.
(MIRA 16:8)

(LIPIDS) (HEAT--PHYSIOLOGICAL EFFECT)

GLUSHANKOVA, M.A.

Thermostability of adenylate kinase in frogs *Rana temporaria*
L. and *Rana ridibunda* Pall. Sber.rab. Inst. tsit. no.8:200-
202 '65. (MIRA 18:12)

1. Laboratoriya sravnitel'noy tsitologii Instituta tsitologii
AN SSSR, Leningrad.

GLUCHANKOVA, M. A., 1964, 1965, 1966, 1967, 1968, 1969.

Harvestability of the wild rice and other food crops in the territories of a great program of the cooperation of their breeding grounds. (The report is in the form of a book, 1964, 1965, 1966, 1967, 1968, 1969).

1. Laboratoriya snabzheniya tsivilizatsionnykh i kulinarnykh AN SSSR, Leningrad.

AUTHOR: Filintsev, I. P.; Glushenkova, N. I.,
(Deceased) SV/72-44-44, 1

TITLE: Quality of Molding Plaster (Kachestvo formovannogo
gipsa)

PERIODICAL: Staklo i keramika, 1974, Nr 9, pp. 47-51 (USSR)

ABSTRACT: The chemical composition (in %) of high-strength
"slaked plaster" produced by the Kerzhentzkiy zavod
that of the usually used "boiling plaster" (vysokoteplo-
totskiy gips) produced by the Kerzhentzkiy zavod is given in table 1.
The physical and mechanical properties of these two
plaster brands are presented in table 2. Experiments
were conducted in the Porcelain Works named A.I. Kalinin
with "slaked plaster", it proved, however, to be unsuitable
for the production of plaster molds in porcelain and
fayence works. The standard specification GOST 17-71
does not meet the requirements of porcelain and fayence
industry. A high purity of the raw materials is considered
to be the fundamental condition in the production of
high-quality plaster. The Soviet Union possesses a great
number of sites where plaster stone is found. The law

Card 1/3

Quality of Molding Plaster

SON, 72-12-9-15/25

quality of molding plaster can apparently be caused by a negligent handling in the mining, by bad screening, by accidental addition of impurities during transportation, by crushing only to a coarse grain and by bad "boiling". The Conference on Molding Plaster held in Moscow in July 1956 demonstrated that only little scientific research is done and only few technological investigations are carried out aiming at an improvement of plaster quality. Laboratory control in the manufacturing and consuming works is insufficient. It is recommended to establish at ROSHIMS a special laboratory for plaster research, which would engage in work aiming at an improvement of the quality of molding plaster and at the development of a method of quality control. There are 2 tables.

ASSOCIATION: Gosudarstvennyy nauchno-issledovatel'skiy keramicheskii institut
(State Scientific Research Institute of Ceramics)

Card 2/3

Agrotechnika

ORUDZHEV, A.K., kand.sel'skokhozyaystvennykh nauk; GLUSHANOVSKAYA, V., red.;
MIRDEZHAFAROV, A., tekhn.red.

[Cultivation practices for high cotton yields and prospects for
the development of cotton growing in Azerbaijan] Agrotekhnika
vysokogo urozhaya khlopka i perspektivy razvitiya khlopkovodstva
v Azerbaidzhane. Baku, Azerbaidzhanskoe gos.izd-vo, 1957. 282 p.
(MIRA 11:3)

(Azerbaijan--Cotton growing)

SEIDOV, G., kand.sel'khoz.nauk; EL'ZENGR, T., kand.sel'khoz.nauk;
GLUSHANOVSKAYA, V., red.; NASHID, B., tekhn. red.

[Cotton irrigation in Azerbaijan] Polivy khlopchatnika v Azer-
baidzhane. Baku, Azerbaidzhanskoe gos.izd-vo, 1960. 44 p.
(MIRA 14:12)

(Azerbaijan--Cotton--Irrigation)

ABBASOV, S.A.; OLUSHANOVSKAYA, V., red.; AKHMEDOV, S., tekhn.red.

[Technology of Azerbaijan wine making] Tekhnologiya vin
Azerbaidzhana. Baku, Azerbaidzhanskoe gos.izd-vo, 1960.
89 p. (MIRA 14:4)
(Azerbaijan--Wine and wine making)

GUSEYNOV, G.M., kand.sel'skokhoz.nauk; GLUSHANOVSKAYA, V., red.;
NASIROV, N., tekhn.red.

[Instructions on the technical and organizational aspects of
furrow irrigation of cotton] Ukazaniia po tekhnika i organiza-
tsii poliva khlopchatnika po borozdam. Baku, Azerbaidzhanskoe
gos.izd-vo, 1960. 68 p. (MIRA 14:1)
(Cotton--Irrigation)

GLUSHAYEV, T.

Summer schedule for air travel. Vnesh.torg, 30 no.5:39
'60. (MIRA 13:5)

(Air travel)

GLUSHCHENKO, A.

Readers' conference in Donetsk. Avtom. svar. 17 no.6:95-96

Jan '67

(MIRA 18:1)

CONFIDENTIAL - SECURITY INFORMATION

1. The following information was obtained from a source who has provided reliable information in the past.

2. The source has provided information that is consistent with the information previously received from the source.

GLUSHCHENKO, A. A. (Kiyev)

"On Experimental-Analytical Methods for Solving Problems Concerning Gravity Seepage."

report presented at the First All-Union Congress on Theoretical and Applied Mechanics, Moscow, 27 Jan - 3 Feb 1960.

GLUSHCHENKO, A.A.[Hlushchenko, A.A.] (Kiyev)

Determining parameters connected with the solution of
certain problems of pressureless filtration. Prykl.
mekh. 6 no.2:180-185 '60. (MIRA 13:8)

1. Kiyevskiy gosudarstvennyy universitet.
(Soil percolation)

GLUSHCHENKO, A. A., Cand Phys-Math Sci -- (disc) "Some experimental-analytical methods of solution for some tasks in filtration theory." Kiev, 1960. 3 pp; (Joint Academic Council of the Institutes of Mathematics, Physics, and Physics of Metals of the Academy of Sciences Ukrainian SSR); 120 copies; price not given; (Kb, p2-c6, 118)

GLUSHCHENKO, A.A. [Hlushchenko, A.A.]

Problem in seepage from a canal [with summary in English].

Dop.AN URSR no.3:273-277 '61.

(MIRA 14:3)

1. Kiyevskiy gosudarstvennyy universitet. Predstavleno akademikom
AN USSR I.Z.Shtomko.

(Seepage)

S/124/63/000/002/006/052
D234/D308

AUTHORS: Glushchenko, A.A. and Lalak, A.I.

TITLE: Solution of some problems in the modeling of conformally representable domains

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 2, 1963, 49, abstract 2B233 (Dokl. 4-y Mezhdvuz. konferentsii po primeneniyu fiz. i matem. modelirovaniya v razlich. otraslyakh tekhn. Sb. 1. M., 1962, 45-58)

TEXT: The authors consider the application of G.N. Polozh-
iy's method (Dokl. AN SSSR, 1955, v. 104, no. 1) to the conformal
representation of a simply connected domain G on G_1 , the boundary
of G or G_1 being determined with an accuracy of up to one parameter
 λ (in particular, the length of the cut of the domain). The magni-
tude of the parameter λ is determined unambiguously by the con-
dition of a given transition of four points of the boundary of G .
The authors show the solution of two problems of plane steady fil-
tration requiring a mapping of the hodograph domain of the velocity

Card 1/2

Solution of some problems ...

S/124/63/000/002/006/052
D234/D308

with determination of the length of the cut. [Russian abstracter's note: A better method of conformal mapping of domains with indetermined parameters (also in hydrodynamic problems solved by the method of velocity hodograph) was first applied by the abstracter in 1949 (Konformnoye otobrazheniye dvusvyaznykh oblastey s pomoshchyu elektricheskogo modelirovaniya (Conformal mapping of doubly connected domains by electric simulation) Izhevsk. konferentsiya po primeneniyu fiz. modelirovaniya v elektricheskikh zadachakh i matem. modelirovaniya 9-16 maya 1957, M., 1957 M. Ye. Deych, G.S. Samoylovich. Osnoy aerodinamiki osevykh turbomashin (Aerodynamic principles of axial turbines) M., Mashgiz, 1959-RZhMekh, no. 10, 1960, 13054).]. Reference 11 is wrongly dated in the paper (should be 1959). 16 references.

[Abstracter's note: Complete translation]

Card 2/2

S/041/63/015/001/006/009
B187/B102

AUTHOR: Glushchenko, A. A. (Kiyev)

TITLE: On a method of solving filtration problems

PERIODICAL: Ukrainskiy matematicheskiy zhurnal, v. 15, no. 1, 1963, 79-85

TEXT: The author refers to a paper by G. N. Polozhiy (DAN SSSR, v. 104, no. 1, 1955) on the conformal mapping of singly and doubly connected domains and on the determination of the Christoffel-Schwarz constants with the aid of a mathematical device in which the domains to be mapped are completely determined. He extends this method to the case where the domains to be mapped are not completely determined but depend on certain parameters. The unknown parameters are determined with the aid of surface models of the domains to be mapped conformally from electrically conductive paper. This is done by an analogy method, comparing the electrical resistances on the basis of two theorems on the uniqueness of the parameter values for which the mapping is made. The method described makes it relatively easy to solve filter problems whose analytical solution encounters difficulties in the numerical execution practically impossible to overcome. A description as well as a solution of two examples of filter problems are
Card 1/2

On a method of solving ...

S/041/63/015/001/006/009
B187/B102

given: filtration from an equidistant and symmetrically arranged channel system in drains was solved analytically by V. I. Aravin (Izvestiya nauchno-issledovatel'skogo in-ta gidrotekhniki, v. 18, 1936). The parameter values were not determined. The values obtained by the present methods agree well with those obtained experimentally and are tabulated for comparison. V. V. Vedernikov studies the filtration in the presence of a draining or water-bearing layer (DAN SSSR, v. 69, no. 5, 1949). His studies were not extended as far as the numerical values. It is a filtration process paying attention to the capillarity of the ground from a channel of rectangular cross section with lateral walls impermeable to water. The bottom consists of a layer of given thickness with homogeneous permeability to water separating the channel from a water-bearing layer, permeable to water, under constant water pressure. The interdependences determined between the parameters are shown graphically. There are 4 figures and 1 table.

SUBMITTED: November 28, 1960

Card 2/2

L 27446-66 ENT(d) IJP(c)
 ACC NR: AP6000241 SOURCE CODE: UR/0198/65/001/010/0103/0109
 AUTHOR: Glushchenko, A. A. (Kiev)
 ORG: Kiev State University (Kiyevskiy gosudarstvennyy universitet)
 TITLE: A method for solving the inverse problem in the filtration theory
 SOURCE: Prikladnaya mekhanika, v. 1, no. 10, 1965, 103-109
 TOPIC TAGS: filtration theory, inverse boundary value problem, conformal mapping, Schwarz Christoffel transformation
 ABSTRACT: The inverse boundary-value problem of the theory of filtration, which consists in determining the unknown part of the filtration domain G in which the solutions of equations describing the filtration process are sought, is solved by conformal mapping under the assumption that the subjacent layer under the filtration domain is highly permeable. The essential part in solving this inverse problem consists in determining that transformation function which conformally maps the hodograph of the reduced complex potential onto the hodograph of the Zhukovskiy (Joukowski) function. The construction of the transformation function is considered for four particular cases of pressure distributions. The exact solution of the inverse problem using the Schwarz-Christoffel transformation is presented for one of these particular cases. In the other three cases, the transformation function is found by an approximate method based on the electrical simulation of mapping domains. Orig. art. has: 5 figures and 25 formulas. [K]
 Card 1/2

L 27446-66

ACC NR: AP6000241

SUB CODE: 12/

SUBM DATE: 17Mar65/ ORIG REF: 011/ ATD PRESS: 4/63

Card 2/2

L 04293-67

ACC NR: AP6026294

drainage bed in which the pressure is known and when the system consists of several aprons. Presented by Yu. O. Mytropol's'kyy, Academician AN URSR. Orig. art. has: 20 formulas, 1 figure.

SUB CODE: 12,13/

SUBM DATE: 04Feb66/

ORIG REF: 005

✓
Card 2/2

GLUSHCHENKO, A.F.

Clover leaf weevil *Phytonomus nigrirostris* (Coleoptera, Curculionidae) as a clover pest in Leningrad Province. Ent.oboz. 34: 99-107 '55. (MLRA 9:5)

1. Kafedra obshchey entomologii Leningradskogo sel'skokhozyaystvennogo instituta.

(Leningrad Province--Clover-leaf weevil)

GLUSHCHENKO, Anatoliy Fedorovich; REUTSKAYA, O.Ye., red.; CHUNATEVA,
Z.V., tekhn.red.

[Protecting legumes from pests (non-Chernozem zone of the
U.S.S.R.) Zashchita bobovykh kul'tur ot vreditel' (necherno-
zemnaia polosa SSSR). Leningrad, 1961. 69 p.

(MIRA 14:6)

(Legumes—Diseases and pests)

GLUSHCHENKO, A.F. (Pushkin, Leningradskoy obl.)

Correspondence school for training specialists. Zashch. rast. ot
vred. i bol. 8 no.7:9-11 J1 '63. (MIRA 16:9)

1. Zamestitel' rektora zaочnogo fakul'teta mashinoye rasteniy Le-
ningradskogo sel'skokhozyaystvennogo instituta.

GLUSHCHENKO, A. G.

USSR Medicine - Medical Institutes Medicine - Otorhinolaryngology

May/Jun 49

"Transactions of the Tadzhikistan State Medical Institute" 48

"Vest Oto-Rino-laringol" No. 3, 1949

Reviews all of Vol II of the collected works of subject institute. Seven reports are mentioned, the majority on soluble bactericides and pyrocellular (pyrolytic and endo) nasy, and also "Local Novocain Blocking as a Method of Fighting Laryngeal Dyspnoea," by Ya. P. Popereka, and A Case of Acute Meningitis Originating From an Infection of the Ear With Status Thyroideus Lymphaticus," by Y. P. Popereka and A. G. Glushchenko. Authors of the other reports are Prof Ya. I. Kozs, F. A. Gks and N. V. Fiks.

TA 64/5700

GLUSHCHENKO, A. P. Sovetskii Soi -- (1950) "Data on the regional pathology of Southern Kazakhstan. (Pathological-anatomical data." Stalinabad, 1957. 17 pp. 20 cm. (Stalinabad State Med Inst. in Abulali-Ibn-Sino (Avicenna). 100 copies. (KL, 23-57, 116)

-120-

A
SHERSHAVKIN, S.V., doktor med.nauk; GLUSHCHENKO, A.G., red.

[Concise practical manual of procedures in forensic medicine]
Kratkoe metodicheskoe posobie dlia prakticheskikh zaniatii po
sudebnoi meditsine. Stalinabad, 1957. 43 p. (MIRA 10:12)

1. Stalinabad. Gosudarstvennyy meditsinskiy institut im. Abunli-Ibn-Sino
(Avitsenny). Kafedra sudebnoy meditsiny. 2. Zaveduyushchiy kafedroy
sudebnoy meditsiny, Stalinabadskiy gosudarstvennyy meditsinskiy
institut im. Abunli-Ibn-Sino (Avitsenny) (for Shershavkin).
(MEDICAL JURISPRUDENCE)

GLUSHCHENKO, A.G., KOZHENKO, P.Ye., USACHOVA, Ye.M.

Evsei Il'ich Iaroslavskii; on his 60th birthday. Vest.oto-rin
20 no.5:134 S-O '58 (MIRA 11:12)
(IAROSLAVSKII, EVSEI IL'ICH, 1898-)

GLUSHCHENKO, A.G.; SLEPUSHKINA, I.I.

Physical development of preschool children, students in schools of
general education and students in trade schools in Kiev. Gig. i san.
24 no.9:64-69 S '59. (MIRA 13:1)

1. Iz kafedry giziyny detey i podrostkov Kiyevskogo meditsinskogo
instituta.

(GROWTH)

(STUDENTS)

MEDNIK, G.L., dotsent; LORENTS, O.G., dotsent; BRAGINSKIY, B.M., dotsent;
GLUSHCHENKO, A.G. (Dushanbe)

Functional activity of the adrenal cortex in people in high
mountain regions. Probl.endok'i gorm. no.4:104-106 '62.
(MIRA 15:11)

1. Iz kafedr farmakologii, normal'noy fiziologii, fakul'tetskoy
terapii i sudebnoy meditsiny meditsinskogo instituta (dir. Z.P.
Khodshayev).

(ADRENAL CORTEX) (ALTITUDE, INFLUENCE OF)

GLUSHCHENKO, A.M.

New work schedule. Masl.-zhir.prom. 25 no.1:42-43 '59.
(MIRA 12:1)

1. Khar'kovskiy mylovarennyy kombinat.
(Kharkov--Oil industries) (Hours of labor)

GLUSHCHENKO, A.S.

Holder for welding in an atmosphere of steam. Avtom.svar. 14
nc.9:89-90 8 '61. (MIRA 14:8)
(Welding--Equipment and supplies)

BORT, Mikhail Mikhaylovich, kand. tekhn. nauk; SHEVCHENKO, Viktor
Prokov'yevich, inzh.; GLUSCHENKO, Andrey Semenovitch;
VASILENKO, V.P., red.; TIMOSHEVSKAYA, A.A., tekhn. red.

[Metal cutting with oxygen at low pressure] Reзка metalla kis-
lorodom nizkogo davleniya. Donetsk, Donetskoe knizhnoe izd-vo,
1961. 29 p. (MLA 15:9)
(Gas welding and cutting)

SHEVCHENKO, V.P., inzh.; SAPIRO, L.S., inzh.; GLUSHCHENKO, A.S., inzh.

Pack cutting with low-pressure oxygen. Svar.prolzv. no.4:38
Ap '62. (MIRA 15:3)

1. Donetskii mashinostroitel'nyy zavod imeni 15-letiya Leninskogo
kommunisticheskogo soyuza molodezhi Ukrainy.
(Gas welding and cutting)

GLUSHCHENKO, A.S., 1924, MANLOV, V.A., 1924; POLOTORAK, F.A., 1924.

Converting the RE-640 cutters for operation on natural gas. Svar.
ordizv. no.10036 0 '64. (MIRA 18 1)

1. Kustovoy otel szarki Donetskogo soveta narodnogo Kozynstva.

AKHMEDLI, M.K.; GLASHCHENKO, E.L.

Study of a complex compound of gallium with diphenylcarbazone.

Uch. zap. AGU. Ser. fiz.-mat. i khim. nauk no.5:113-116 '61.

(MIRA 16:6)

(Gallium compounds) (Formic acid)

AKHMESELI, M.M.; GUMCHENKO, E.I.

Study of reagents for the spectrophotometric determination
of gallium. Zhur. anal. khim. 19 no.5:556-560 1964.

(M. 17:8)

Azerbaydzhanskii gosudarstvennyi universitet, Baku.

L 34498-65 EWT(m)/EWP(t)/EWP(b)/EWA(h)
ACCESSION NR: AP5002799

Feb 11
S/0078/05/010/001/0098/0102

AUTHOR: Akhmedli, M. K.; Glushchenko, E. L.

TITLE: Spectrophotometric study of the reaction of aluminum, gallium, indium and thallium (III) chlorides with xylene orange

SOURCE: Zhurnal neorganicheskoy khimii, v. 10, no. 1, 1965, 98-102

TOPIC TAGS: xylene orange, complexing, xylene orange aluminum complex, xylene orange gallium complex, xylene orange indium complex, xylene orange thallium complex, absorption spectrum, extinction coefficient, triphenylmethane indicator

ABSTRACT: Complex formation between Ga, Al, In and Tl (III) and xylene orange was studied, and their absorption spectra were compared with spectra of the ionic form of xylene orange in an alkaline medium. The optimum pH values for the complexes were: Ga 1.7; Al 2.8; In 2.6; Tl (III) 3.15. All the complexes had a 1:1 ratio. Heating enhanced complex formation of ions of small dimension with the same charge (Al, Ga). The xylene orange-gallium complex is subject to the

Card 1/2

L 34498-65
ACCESSION NR: AP5002799

Bouguer, Lambert Beer laws at Ga concentrations of 0.2-1.4 g/ml. Comparison of the absorption spectra of the complexes with the ionic form of the reagent at pH 11.9 showed that the coloring was intensified with increasing ion radius and that λ_{\max} of Tl was in the longer wave length region than λ_{\max} of the ionic form of the reagent. The molar absorption coefficients are similar, and at 1:1 compositions they are in good agreement with the molar extinction of the alkaline form of the reagent. It was suggested that, knowing the composition of the complex, the molar extinction of the alkaline form of the reagent would make it possible to predict fairly accurately the λ_{\max} and the molar coefficient of complexes of Group III elements with triphenylmethane dyes. Orig. art. has: 6 figures and 1 table.

ASSOCIATION: Azerbaydzhanskiy gosudarstvennyy universitet (Azerbaydzhan State University)

SUBMITTED: 05Jun63

ENCL: 00

SUB CODE: SS

NR REF SOV: 008

OTHER: 012

Analytical

Card 2/2 *18*

L. 07930-87
ACC 131 AP603300 SOURCE CODE: CR/0072/0072

AUTHOR: Akhmedli, M. K.; Basdiyev, E. A.; Ghusachenko, E. L.; Zykova, L. I.

ORG: Azerbaijan State University Im. S. M. Kirov, Baku (Azerbaydzanskiy gosudarstvennyy universitet)

TITLE: Interaction of ⁶⁷gallium ions with pyrocatechol violet

SOURCE: Zhurnal analiticheskoy khimii, v. 21, no. 3, 1966, 1022-1026

TOPIC TAGS: gallium, ion, gallium ion, ion interaction, ion concentration, pyrocatechol, pyrocatechol violet

ABSTRACT: Gallium forms colored compound with pyrocatechol violet at pH 5.75--6.7 in an acetate-hydrochloride medium. The components interact in a molar ratio of 1 : 2. The maximum absorption is at 580 nmol, the true molar extinction coefficient is 73,530, and the conditional instability constant is $5 \cdot 10^{14}$. Solutions obey Beer's law within the concentration range of 0.56--3.12 $\mu\text{g/ml}$ of gallium. Such elements as Al^{3+} , In^{3+} , Fe^{3+} , Cu^{2+} , and Ti^{3+} interfere in the photometric determination of gallium, no interference is caused by alkali metals.

Card 1/2

UDC: 543.70

L 07930-67

ACC NR: AP6033387

As (III, V), Cd^{2+} , Zn^{2+} , Pb^{2+} , Cr (III), Co^{2+} , Mo (VI), Sn (IV), Ni^{2+} , Tl (III), Sb (III) interfere only up to definite ratios. The method has been used for gallium determination in pure solutions. The relative experimental error is not more than 4%. The sensitivity of the method is $0.04 \mu\text{g/ml}$. Orig. art. has: 6 figures and 3 tables. [Authors' abstract]

SUB CODE: 07/ SUBM DATE: 27Apr65/ ORIG REF: 005/ OTH REF: 002/

Card 2/2

SECRET, . . .

Method of the study of the structure of the molecule of the
G-3 protein.

BIRYUK, Vladimir Sergeyevich; GLUSHCHENKO, G.G., inzh., ratsenent;
SMIRNOV, B.I., inzh., ratsenent; POPILOV, L.Ya; nauchn.
red.; NIKITINA, R.D., red.; KOROVENKO, Yu.N., techn. red.

[Repair shops aboard ships] Sudovye masterskie. Leningrad,
Sudpromgiz, 1963. 138 p. (MIRA 16:9)
(Ships—Maintenance and repair)

Glushchenko, G. I.

Seamed cells in fig-leaf petioles. G. I. Glushchenko.
Zhur. Obshchey Biol. 14, 313-18(1969). The seamed ap-
pearance of cells in fig-leaf petioles is related to growth
phenomena involving new nucleolus formation in cell
nuclei and active accumulation of ribonucleic acids in the
cells. Julian P. Smith

GLUSHCHENKO, G.I.

Cytoembryological investigations of *Allium cepa* L. Zhur.ob.biol. 17
no.1:40-45 Ja-F '56. (MLRA 9:6)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova,
Kafedra genetiki i selektsii.
(ONIONS)

GLUSHCHENKO, G. I.

B-2

USSR/General Biology - Cytology.

Abs Jour : Ref Zhur - Biol., No 8, 1958, 33319

Author : Glushchenko, G.I.

Inst :

Title : Data on Cyto-Embryology of Species *Allium cepa* L.
(Materialy po tsito-embriologii vida *Allium cepa* L.)

Orig Pub : Izv. AN SSSR, ser . biol., 1957, No 2, 229-233

Abstract : A study was conducted on the embryology of onion *Allium cepa* L. The onion pollen is two-celled; sperm form in the pollen anthers. The ovary is tri-chambered, each chamber containing 2 scabuds. The archesporial cell is laid down 2-3 days before flower opening. In the nucleus of the archesporial cell DNA is not found, while the plasma contains a large quantity of RNA. The embryonic sac of cepa onion develops in an *Allium* type. The 8-nuclei embryonic sac is characterised by its very large synergides [?] frequently differing in

Card 1/2

6

GLUSHCHENKO, G.I.

Biology of flowering and embryology of *Scopolia carniolica*.
Bot. zhur. 47 no.7:1017-1025 J1 '62. (KURA 15:9)

1. Institut botaniki AN UkrSSSR, Kiyev.
(*Scopolia*) (Botany—Embryology)

GLUSHCHENKO, G.I.

Some characteristics of the embryology of *Scopelia carniolica*.
Izv. AN SSSR Ser. Biol. 28 no.5:722-734 S-O '63 (MIRA 16:11)

1. Institute of Botany, Academy of Sciences of the Ukrainian
S.S.R., Kiev.

*-

1. *Journal of the American Medical Association*, 1997; 277: 1033-1037.

development of the 10,000 stages of development in response
to the environment. (p. 12, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 8

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

GIUSEPPE, G.I. [Giuseppe, G.I.]

Microscopic investigation of *Scopolia carniolica* Jacq. and *S. lurida* Dun. in DC. in relation to the problems of sterility.
Ukr. bot. zhur. 41 no.4:63-61 1964.

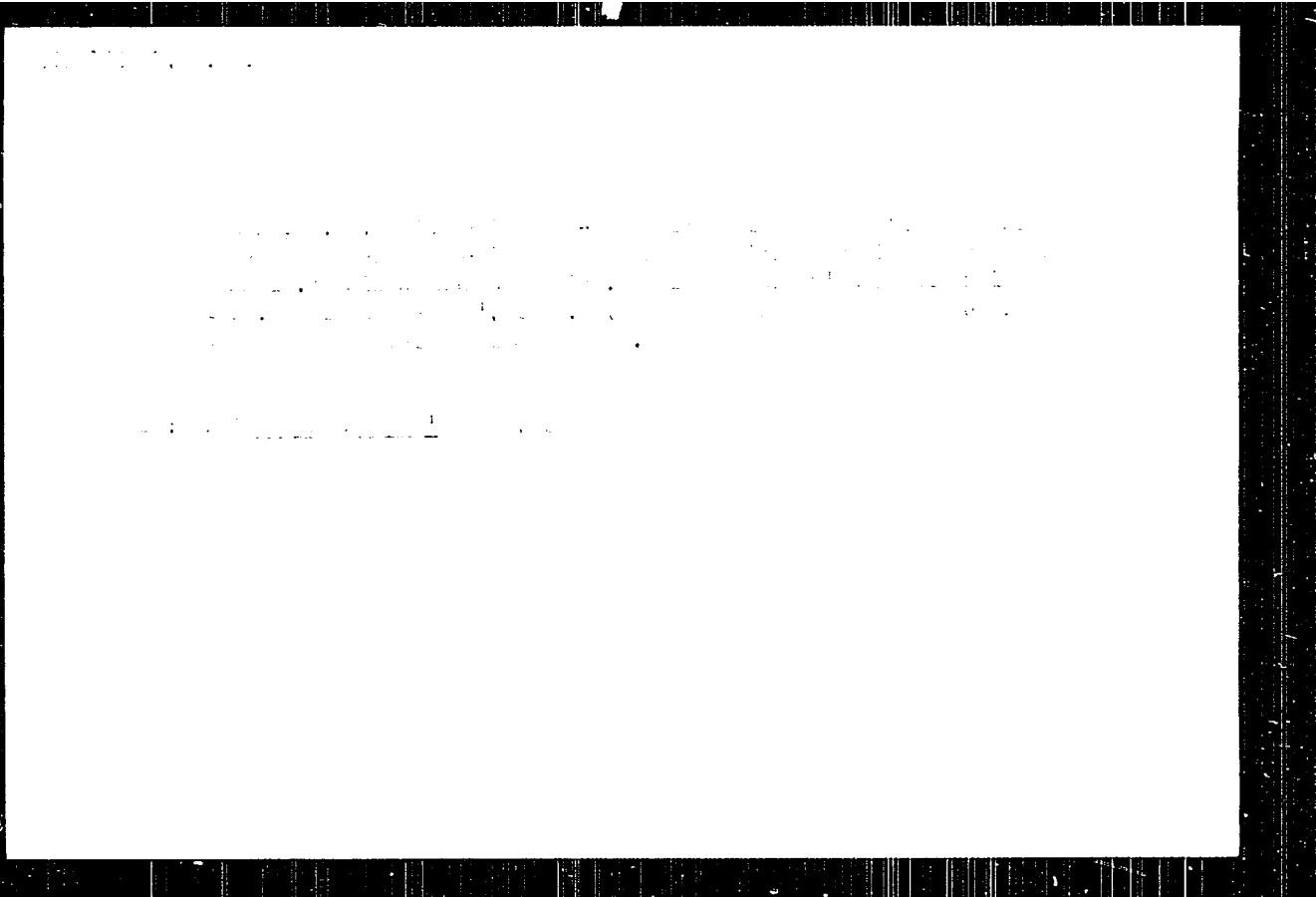
(MIRA 17:11)

1. Otdel tsitologii i embriologii Instituta botaniki AN UkrSSR.

GLUSHCHENKO, G.P.

Receptors of the periosteum in horses. Vop. fiziol. no.10:180-186
'54 (MLRA 10:5)

1. Belotserkovskiy sel'skokhozyaystvennyy institut, Kafedra
gistologii i embriologii.
(PERIOSTEUM--INNERVATION) (VETERINARY HISTOLOGY)



GLUSHCHENKO, G.P. [Glushchenko, H.P.]

Reflexogenic zone of the cranial periosteum. Dop.AN UBSR no.11:1560-
1563 '60. (MIRA 13:11)

1. Belotserkovskiy sel'skokhozyaystvennyy institut. Predstavleno
akademikom AN USSR V.G.Kas'yanenko.
(Periosteum--Innervation)

KOWALSKIJ, P.; GLUSCHTSCHENKO, G.¹⁾

On nerve structures of the periosteum. Acta Morph. Acad. Sci. Hung. 11
no.2:167-178 '62.

1. Institut für Histologie, Landwirtschaftliche Hochschule, Bjelaja
Cerkowj, UdSSR (Direktor: Prof. P. Kowalskij)

(PERIOSTEUM innervation)

BIRMINGHAM, A. I.

"Radio for Radio and Television" Study of Radio and TV, 1970-1975
revised.

Report N-100, December 1971.

GIMMEL'FARB, Ye.I.; GLUSHCHENKO, I.I.

Important problems in sugar beet seed production. Sakh.prom. 30
no.4:62-64 Ap '54. (MLRA 9:8)

1. Khar'kovskiy sakhsveklotrest (for Gimmel'farb); 2. Semennaya
inspektsiya Ukrglavsakhara (for Glushchenko).
(Sugar beets)

GIM'EL'FARB, Ye.I.; PLUSHCHENKO, I.I.

Machine for removing roots of mother beet in surface silos. Sakh.
prom. # no.11:57-59 N '60. (MIRA 13:11)

1. Khar'kovskiy soynarkhoz.
(Sugar beets)

GLUSHCHENKO, I.M.

Meteorological characteristics of certain spots in Kazakhstan
in connection with the selection of a site for a future
planetary observatory. Trudy Sekt.astrobot.AN Kazakh SSR 7:
217-225 '59. (MIRA 13:5)
(Kazakhstan--Meteorology)

LIPKIN, D.S.; GLUSHCHENKO, I.M.

Characteristics of the heat regulation in PVR type ovens fired
with blast-furnace gas. Koks i khim. no.9:20-23 '63. (MIRA 16:9)

1. Koksokhimstantsiya.

(Coke ovens)

GLUSHCHENKO, I.M.

Nomogram for the determination of the calorific power of blast
furnace gas. Stal' 25 no. 7 (66-66) 11 '65. (MIRA 18:7)

1. Karapuzinskiy metallurgicheskiy tsent. 1965.

DANILEVSKAYA, Mariya Sergeyevna [Danylevs'ka, M.S.]; GLUSHCHENKO,
Ivan Nikitovich [Hlushchenko, I.N.]; SAYCHUK, Konstantin
Ivanovich [Saichuk, K.I.]; SOLODKIY, D.I. [Solodkyi, D.I.],
red.; POCHKINO, L.Kh., tekhn. red.

[Attacking the Polesye virgin lands] Nastup na polis'ku tsilyu.
Kyiv, Kyivs'ke oblasne knyzhkovo-gazetne vyd-vo, 1961. 42 p.
(MIRA 15:3)

(Polesye--Agriculture)

SOV 24-57-4-4971

Translation from Referativnyy zhurnal Mekhanika 1957, Nr 4, p 147 (USSR)

AUTHOR: Glushchenko, I. P.

TITLE: On the Relationship Between the Stiffness of a Link-plate Type Roller Traction Chain and Its Pitch (O zavisimosti zhestkosti tyagovoy plastinchatoy tsepi ot yeye shaga)

PERIODICAL: Nauch zap Lvovsk. politekhn. inst-ta, 1953, Nr 17, pp 47-58

ABSTRACT: The paper adduces theoretical calculations for the determination of the static stiffness of drive and traction roller chains. On the strength of an analysis of the deformations of the separate components of the chain links a relationship is established between the pitch of the chain and its stiffness.

F. M. Dimentberg

Card 1 of 1

GLUSHCHENKO, I. P.

USSR/Engineering - Chain conveyers

Card : 1/1

Authors : Glushchenko, I. P., Candidate of Tech. Sciences, Docent

Title : Research of dynamic phenomena in chain conveyers

Periodical : Vest. Mash., 34, Ed. 6, 7 - 12, June 1954

Abstract : The problems in designing chain conveyers, with a view to increasing their durability, are dealt with and illustrated by formulas and drawings. A description is given of researches conducted in the operation of conveyers that are in constant motion. An analysis is made of the dependence of dynamic stress on the elastic, inertial and speed characteristics of the basic parts of a conveyor. Six Russian references, latest 1951. Drawings; graph.

Institution : ...

Submitted : ...

Translation from: Referativnyy zhurnal Mekhanika, 1957, Nr 5, p 14 (USSR) SOV/124-57-5-5193

AUTHOR: Glushchenko, I. P.

TITLE: Elements of the Dynamics of a Nonlinearly connected Two-mass System (Elementy dinamiki odnoy dvukhmassovoy sistemy s nelineynoy svyazyu)

PERIODICAL: Dokl. Lvovsk. politekh. in-ta, 1955, Vol I, Nr 2, pp 58-63

ABSTRACT: The author investigates the motion of two masses connected by a flexible, ponderable, nonextensible thread, which are subjected to the action of a constant dragging force applied to the first mass. The system of two nonlinear second order differential equations obtained is linearized under the premise that, in addition to their translational motion, the masses perform small, and hence virtually linear, oscillatory motions about their positions of equilibrium. The solution obtained permits an investigation of the magnitude of the periodically variable force that is exerted by the second mass upon the first mass.
Ye. N. Miroslovlev

Card 1 of 1

SOV/124-58-3-7911

Translation from Referativnyy zhurnal, Mekhanika, 1958, Nr 5, p 11 (USSR)

AUTHOR. Glushchenko, I.P.

TITLE On the Dynamics of the Starting of Flexible-coupling Transmissions (O dinamike puskа peredach gibkoy svyaz'yu)

PERIODICAL V sb. Nekotoryye vopr. dinamiki mashin. Izv. inst. 1956, pp 31-41

ABSTRACT For the initial stage of starting, when the drive shaft is in motion but the driven shaft has not yet moved at all, an approximate differential equation is set up and then integrated by quadratures. As a result of the integration the initial values are obtained for the second stage of starting, i.e., when both shafts have begun to rotate. For the second stage linearized equations are set up, and on the basis of these a calculation is made of the approximate values of the dynamic stresses present in the driving portion of the transmission.

S.G. Kisitsyn

1. Flexible coupling--Mathematical analysis

Card 1/1

AUTHORS:

ANTONOV, A.I., Antonovich, A.V., Bogatyrov, N.A.,
Clushchenko, I.P., Danilov, I.P., Danilov, I.P.,
Danilov, I.P., Danilov, V.I., Lukin, M.I., Malinovich,
M.I., Maslov, V.P., Petrenko, S.I., Pivarny, Ye.A.,
Privalova, K.A., Sitnitskiy, Yu.I., Stasikov, Ya.I.,
Shekhanov, B.P., Chuchman, I.S., Yagello, I.M.,
Brilinskiy, B.M., and others

TITLE:

G.Ye. Krushel', Deceased

PERIODICAL:

Izvestiya vysshikh uchebnykh zavedeniy. Energetika,
1958, Nr 10, p 147 (USSR)

ABSTRACT:

This is an obituary of Doctor of Technical Sciences
Professor Georgiy Yevgen'yevich Krushel' of the
L'vovskiy politekhnicheskii institut (L'vov Polytech-
nic Institute). Krushel' was born in Moscow in 1912
as the son of an engineer. He died on July 20, 1958
because of an accident. He graduated in 1931 from
the "Proftekhshkola". While working in the industry,
G. Ye. Krushel' studied at the Khar'kovskiy mekhaniko-
mashinostroitel'nyy institut (Khar'kov Institute of

Card 1/3

G.Ye. Krushel', Deceased

NOV 1954-1955-1956

Mechanics and Machine Building) from which he graduated in 1937. Then he combined the work in the industry with that of an instructor at the aforementioned Institute. In 1940, he defended his candidate dissertation and in 1946 the Doctor's dissertation. G.Ye. Krushel' became a well-known scientist in the USSR having published more than 40 papers. He worked primarily in the field of theoretical and practical heat engineering. Since 1945, he worked at the L'vov Polytechnic Institute, where a training gear plant was built on his initiative. G.Ye. Krushel' worked together with workers of YuZh GRES conducting detailed theoretical and experimental investigations concerning the accelerated starting of the boiler-turbine units at thermal power plants, proving the economical advantage of loading the turbine without bringing the steam pressure up to the nominal rating. Krushel' is one of the inventors of the evaporation cooling of open hearth furnaces. Further, he investigated

Card 2/3

G.Ye. Krashel', Deceased

307/147-10-10-80/81

extensively prime movers for the feed pumps of high-power boiler-turbine units. Besides research work, Krashel' devoted his attention to the training of engineers in his field. The Soviet Union lost one of its foremost scientists. There is 1 photograph.

Card 3/3

PHASE I BOOK EXPLOITATION

SOV/4201

L'vov. Politeknicheskii institut

Mekhanika (Mechanics) L'vov, 1959. 69 p. (Series: Its: Doklady, tom 3, vyp. 1/2)
900 copies printed.

Editorial Board: A.I. Andriyevskiy, Doctor of Technical Sciences, Professor;
Ya.P. Berkman, Honored Scientist and Technologist UkrSSR, Doctor of Chemistry,
Professor; K.B. Karandeyev, Corresponding Member, Academy of Sciences USSR and
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Doctor of Geology and Mineralogy, Professor; V.A. Tikhonov (Resp. Secretary),
Candidate of Technical Sciences, Docent; Tech. Ed.: T. Veselovskiy.

PURPOSE: This booklet is intended for scientific workers and engineers.

COVERAGE: The booklet contains 12 articles on vibrations, impact stresses, trans-
mission and slider-crank mechanisms, fluid mechanics, and strength of reinforced-
concrete beams. No personalities are mentioned. References follow several of
the articles.

Card 1/3